

OIPE

(2)

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/888,326

DATE: 07/07/2001

TIME: 13:05:59

Input Set : A:\C10397052.TXT

Output Set: N:\CRF3\07062001\I888326.raw

4 <110> APPLICANT: Weiner, George
5 Hartmann, Gunther
7 <120> TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
8 Cell Lysis and Treating Cancer
11 <130> FILE REFERENCE: C1039/7052 (AWS)
C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/888,326
C--> 13 <141> CURRENT FILING DATE: 2001-06-22
13 <150> PRIOR APPLICATION NUMBER: US 60/213,346
14 <151> PRIOR FILING DATE: 2000-06-22
16 <160> NUMBER OF SEQ ID NOS: 848
18 <170> SOFTWARE: FastSEQ for Windows Version 3.0
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 6
22 <212> TYPE: DNA
23 <213> ORGANISM: Artificial Sequence
25 <220> FEATURE:
26 <223> OTHER INFORMATION: Synthetic oligonucleotide
28 <221> NAME/KEY: misc_feature
29 <222> LOCATION: (0)...(0)
30 <223> OTHER INFORMATION: phosphorothioate backbone
32 <400> SEQUENCE: 1
33 aaaaaa
35 <210> SEQ ID NO: 2
36 <211> LENGTH: 20
37 <212> TYPE: DNA
38 <213> ORGANISM: Artificial Sequence
40 <220> FEATURE:
41 <223> OTHER INFORMATION: Synthetic oligonucleotide
43 <221> NAME/KEY: misc_feature
44 <222> LOCATION: (0)...(0)
45 <223> OTHER INFORMATION: phosphodiester backbone
47 <400> SEQUENCE: 2
48 aaaaaaaaaa aaaaaaaaaa
50 <210> SEQ ID NO: 3
51 <211> LENGTH: 20
52 <212> TYPE: DNA
53 <213> ORGANISM: Artificial Sequence
55 <220> FEATURE:
56 <223> OTHER INFORMATION: Synthetic oligonucleotide
58 <221> NAME/KEY: misc_feature
59 <222> LOCATION: (0)...(0)
60 <223> OTHER INFORMATION: phosphodiester backbone
62 <400> SEQUENCE: 3
63 aaaaaccccc ccccaaaaa
65 <210> SEQ ID NO: 4
66 <211> LENGTH: 20
67 <212> TYPE: DNA

ENTERED
See page 5

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68 <213> ORGANISM: Artificial Sequence
70 <220> FEATURE:
71 <223> OTHER INFORMATION: Synthetic oligonucleotide
73 <221> NAME/KEY: misc_feature
74 <222> LOCATION: (0)...(0)
75 <223> OTHER INFORMATION: Chimeric phosphorothioate/phosphodiester backbone
76     with phosphorothioate at 5' and 3' ends
78 <400> SEQUENCE: 4
79   aaaacatgac gttcaaaaaa                                20
81 <210> SEQ ID NO: 5
82 <211> LENGTH: 20
83 <212> TYPE: DNA
84 <213> ORGANISM: Artificial Sequence
86 <220> FEATURE:
87 <223> OTHER INFORMATION: Synthetic oligonucleotide
89 <221> NAME/KEY: misc_feature
90 <222> LOCATION: (0)...(0)
91 <223> OTHER INFORMATION: phosphorodithioate backbone
93 <400> SEQUENCE: 5
94   aaaacatgac gttcaaaaaa                                20
96 <210> SEQ ID NO: 6
97 <211> LENGTH: 20
98 <212> TYPE: DNA
99 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:
102 <223> OTHER INFORMATION: Synthetic oligonucleotide
104 <221> NAME/KEY: misc_feature
105 <222> LOCATION: (0)...(0)
106 <223> OTHER INFORMATION: chimeric phosphorothioate/phosphodiester backbone
107     with phosphorothioate at 5' and 3' ends
109 <400> SEQUENCE: 6
110   aaaacatgac gttcgggggg                                20
112 <210> SEQ ID NO: 7
113 <211> LENGTH: 20
114 <212> TYPE: DNA
115 <213> ORGANISM: Artificial Sequence
117 <220> FEATURE:
118 <223> OTHER INFORMATION: Synthetic oligonucleotide
120 <221> NAME/KEY: misc_feature
121 <222> LOCATION: (0)...(0)
122 <223> OTHER INFORMATION: phosphorodithioate backbone
124 <400> SEQUENCE: 7
125   aaaacatgac gttcgggggg                                20
127 <210> SEQ ID NO: 8
128 <211> LENGTH: 8
129 <212> TYPE: DNA
130 <213> ORGANISM: Artificial Sequence
132 <220> FEATURE:
133 <223> OTHER INFORMATION: Synthetic oligonucleotide

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```

135 <221> NAME/KEY: misc_feature
136 <222> LOCATION: (0)...(0)
137 <223> OTHER INFORMATION: phosphodiester backbone
139 <400> SEQUENCE: 8
140   aaaacggtt
142 <210> SEQ ID NO: 9
143 <211> LENGTH: 20
144 <212> TYPE: DNA
145 <213> ORGANISM: Artificial Sequence
147 <220> FEATURE:
148 <223> OTHER INFORMATION: Synthetic oligonucleotide
150 <221> NAME/KEY: misc_feature
151 <222> LOCATION: (0)...(0)
152 <223> OTHER INFORMATION: chimeric phosphorothioate/phosphodiester backbone
153     with phosphorothioate at 5' and 3' ends
155 <400> SEQUENCE: 9
156   aaaatcaacg ttgaaaaaaa
158 <210> SEQ ID NO: 10
159 <211> LENGTH: 21
160 <212> TYPE: DNA
161 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
164 <223> OTHER INFORMATION: Synthetic oligonucleotide
166 <221> NAME/KEY: misc_feature
167 <222> LOCATION: (0)...(0)
168 <223> OTHER INFORMATION: chimeric phosphorothioate/phosphodiester backbone
169     with phosphorothioate at 5' and 3' ends
171 <400> SEQUENCE: 10
172   aaaatctgtg cttttaaaaa a
174 <210> SEQ ID NO: 11
175 <211> LENGTH: 20
176 <212> TYPE: DNA
177 <213> ORGANISM: Artificial Sequence
179 <220> FEATURE:
180 <223> OTHER INFORMATION: Synthetic oligonucleotide
182 <221> NAME/KEY: misc_feature
183 <222> LOCATION: (0)...(0)
184 <223> OTHER INFORMATION: chimeric phosphorothioate/phosphodiester backbone
185     with phosphorothioate at 5' and 3' ends
187 <400> SEQUENCE: 11
188   aaaattgacg ttttaaaaaa
190 <210> SEQ ID NO: 12
191 <211> LENGTH: 33
192 <212> TYPE: DNA
193 <213> ORGANISM: Artificial Sequence
195 <220> FEATURE:
196 <223> OTHER INFORMATION: Synthetic oligonucleotide
198 <221> NAME/KEY: misc_feature
199 <222> LOCATION: (0)...(0)

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Input Set : A:\C10397052.TXT

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200 <223> OTHER INFORMATION: phosphodiester backbone
202 <400> SEQUENCE: 12
203 aaacattctg ggggaatttt aagaagtaaa cat 33
205 <210> SEQ ID NO: 13
206 <211> LENGTH: 39
207 <212> TYPE: DNA
208 <213> ORGANISM: Artificial Sequence
210 <220> FEATURE:
211 <223> OTHER INFORMATION: Synthetic oligonucleotide
213 <221> NAME/KEY: misc_feature
214 <222> LOCATION: (0)...(0)
215 <223> OTHER INFORMATION: phosphodiester backbone
217 <400> SEQUENCE: 13
218 aaacattctg ggggaatttt aagaagttcc tccctcccc 39
220 <210> SEQ ID NO: 14
221 <211> LENGTH: 33
222 <212> TYPE: DNA
223 <213> ORGANISM: Artificial Sequence
225 <220> FEATURE:
226 <223> OTHER INFORMATION: Synthetic oligonucleotide
228 <221> NAME/KEY: misc_feature
229 <222> LOCATION: (0)...(0)
230 <223> OTHER INFORMATION: phosphodiester backbone
232 <400> SEQUENCE: 14
233 aaacattctg ggggaatttt gtctagtaaa cat 33
235 <210> SEQ ID NO: 15
236 <211> LENGTH: 17
237 <212> TYPE: DNA
238 <213> ORGANISM: Artificial Sequence
240 <220> FEATURE:
241 <223> OTHER INFORMATION: Synthetic oligonucleotide
243 <221> NAME/KEY: misc_feature
244 <222> LOCATION: (0)...(0)
245 <223> OTHER INFORMATION: phosphodiester backbone
247 <400> SEQUENCE: 15
248 aacgctcgac cttcgat 17
250 <210> SEQ ID NO: 16
251 <211> LENGTH: 17
252 <212> TYPE: DNA
253 <213> ORGANISM: Artificial Sequence
255 <220> FEATURE:
256 <223> OTHER INFORMATION: Synthetic oligonucleotide
258 <221> NAME/KEY: misc_feature
259 <222> LOCATION: (0)...(0)
260 <223> OTHER INFORMATION: phosphodiester backbone
262 <400> SEQUENCE: 16
263 aacgctggac cttccat 17
265 <210> SEQ ID NO: 17
266 <211> LENGTH: 20

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DATE: 07/07/2001

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TIME: 13:05:59

Input Set : A:\C10397052.TXT

Output Set: N:\CRF3\07062001\I888326.raw

```

267 <212> TYPE: DNA
268 <213> ORGANISM: Artificial Sequence
270 <220> FEATURE:
271 <223> OTHER INFORMATION: Synthetic oligonucleotide
273 <221> NAME/KEY: misc_feature
274 <222> LOCATION: (0)...(0)
275 <223> OTHER INFORMATION: chimeric phosphorothioate/phosphodiester backbone
276     with phosphorothioate at 5' and 3' ends
278 <400> SEQUENCE: 17
279  aacgctggac cttccatgtc
281 <210> SEQ ID NO: 18
282 <211> LENGTH: 6
283 <212> TYPE: DNA
284 <213> ORGANISM: Artificial Sequence
286 <220> FEATURE:
287 <223> OTHER INFORMATION: Synthetic oligonucleotide
289 <221> NAME/KEY: misc_feature
290 <222> LOCATION: (0)...(0)
291 <223> OTHER INFORMATION: phosphodiester backbone
293 <400> SEQUENCE: 18
294  aacggtt
296 <210> SEQ ID NO: 19
297 <211> LENGTH: 8
298 <212> TYPE: DNA
299 <213> ORGANISM: Artificial Sequence
301 <220> FEATURE:
302 <223> OTHER INFORMATION: Synthetic oligonucleotide
304 <221> NAME/KEY: misc_feature
305 <222> LOCATION: (0)...(0)
306 <223> OTHER INFORMATION: phosphodiester backbone
308 <400> SEQUENCE: 19
309  aacgttct
311 <210> SEQ ID NO: 20
312 <211> LENGTH: 7
313 <212> TYPE: DNA
314 <213> ORGANISM: Artificial Sequence
316 <220> FEATURE:
317 <223> OTHER INFORMATION: Synthetic oligonucleotide
319 <221> NAME/KEY: misc_feature
320 <222> LOCATION: (0)...(0)
321 <223> OTHER INFORMATION: phosphorothioate backbone
323 <400> SEQUENCE: 20
324  aacgttg
326 <210> SEQ ID NO: 21
327 <211> LENGTH: 8
328 <212> TYPE: DNA
329 <213> ORGANISM: Artificial Sequence
331 <220> FEATURE:
332 <223> OTHER INFORMATION: Synthetic oligonucleotide

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FYI:

Use of 'n' and/or 'Xaa' has been detected in the Sequence Listing. Review the Sequence Listing to insure a corresponding explanation is presented in the <220> to <223> fields of each sequence using 'n' or 'Xaa'.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/888,326

DATE: 07/07/2001

TIME: 13:06:00

Input Set : A:\C10397052.TXT

Output Set: N:\CRF3\07062001\I888326.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:1031 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69

L:1335 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89

L:1415 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94

L:1745 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:116

L:1772 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:117

L:1852 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:121

L:1875 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:122

L:1917 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:124

L:3904 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:258

L:4428 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:294

L:4477 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:297

L:4564 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:302

L:4908 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:325

L:5353 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:355

L:5564 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:369

L:5703 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:378

L:5722 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:379

L:5812 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:385

L:7008 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:467

L:7180 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:479

L:7215 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:480

L:7641 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:508

L:7664 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:509

L:7875 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:523

L:8614 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:572

L:8723 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:579

L:8757 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:581

L:8776 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:582

L:8799 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:583

L:9145 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:606

L:9327 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:618

L:9346 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:619

L:9365 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:620

L:9388 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:621

L:9943 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:658

L:10172 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:673

L:10801 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:714

L:11213 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:741

L:11228 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:742

L:11701 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:773

L:12709 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:843

L:12728 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:844

L:12747 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:845

L:12766 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:846

L:12797 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:847

L:12828 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:848